Fifth General Meeting of the American Electrochemical Society

To be held at Washington, D. C.
April 7, 8, 9, 1904.

Local Committees

Col. Samuel Reber, Chairman.
Mr. C. P. Townsend, Secretary.

E. A. Byrnes,
F. P. Dewey,
James L. Ewin,
R. T. Frazier,
F. A. Holton,
N. M. Hopkins,
M. G. Lloyd,
H. J. Lucke,
A. B. Marvin, Jr.,
R. Outwater,
E. J. Prindle,
S. Reber,
H.H. Seabrook,
W.O. Snelling,
C. P. Townsend,
G. L. Townsend,
T. Ulke,
H. W. Wiley,
T. A. Witherspoon,

FINANCE COMMITTEE.

Col. Samuel Reber, Chairman.

C. P. Townsend,
H. H. Seabrook,
T. A. Witherspoon,
W. D. Young.

ENTERTAINMENT COMMITTEE.

Dr. N. M. Hopkins, Chairman.

Dr. E. A. Byrnes,
W. O. Snelling,

EXCURSION COMMITTEE.

Dr. H. W. Wiley, Chairman.

Dr. M. G. Lloyd,
Henry J. Lucke,
A. B. Marvin,
Dr. Edward Keller.

Headquarters for Registry and Information

Will be at the Annex to University Hall, Columbian University Building, Cor. of 15th and H Sts., N. W., where members and guests will please register and receive their badges as soon after their arrival as possible. Badges will be given to all members in good standing and to applicants who have deposited their initiation fee. Special badges will be provided for guests, who must be introduced by a member.

PROGRAM

All meetings will be held at the Columbian University. The mornings will be devoted to the reading and discussion of papers, and the afternoons and evenings to visits and social meetings.

Thursday Morning, April 7th, at 9 A. M.

Meeting of the Board of Directors at the University Building.

Thursday Morning, April 7th, at 10 A. M.

Transaction of Business, including action on the following:

General Officers and Committees

PRESIDENT

Joseph W. Richards, Ph D.
Term expires 1904

VICE PRESIDENTS

Charles M. Hall — W. D. Bancroft, Ph. D.
Louis Kahlenburg, Ph. D. — Chas. A. Doremus, Ph. D.
Henry S. Carhart, LL. D. — W. R. Whitney, Ph. D.
Terms expire 1904. — Terms expire 1905.

MANAGERS

E. G. Acheson — Carl Hering
Edward Weston — W. D. Weaver
Samuel Sheldon, Ph. D. — E. F. Rober, Ph. D.
Terms expire 1904. — Terms expire 1905.

Col. Samuel Reber,
S. P. Sadtler, Ph. D.
C. O. Mailloux
Terms expire 1906.

TREASURER,

Pedro G. Salom, 333 Walnut Street, Philadelphia, Pa.
Term expires 1904.

SECRETARY,

Chas J. Reed, 929 Chestnut Street, Philadelphia, Pa.
Term expires 1904.

EXECUTIVE COMMITTEE,

Joseph W. Richards, Ph. D., Chairman;
C. J. Reed, Secretary;
S. P. Sadtler, Ph. D. — Carl Hering
Pedro G. Salom — Col. S. Reber

COMMITTEE ON PUBLICATION,

Joseph W. Richards, Ph. D., Chairman;
Carl Hering — W. D. Weaver
Pedro G. Salom — C. J. Reed

COMMITTEE ON PAPERS,

Jos. W. Richards, Ph. D. — C. J. Reed
D. H. Browne — E. F. Roeber, Ph. D.
C. F. Burgess, Ph. D. — C. P. Townsend
H. S. Carhart, LL. D. — F. J. Tone
Chas. A. Doremus, Ph. D.

MEMBERSHIP COMMITTEE.

H. T. Barnes, Ph. D., Montreal.
Prof. C. F. Burgess, Madison, Wis.
Eugene A. Byrnes, Washington.
Henry S. Carhart, LL. D., Ann Arbor, Mich
Alfred H. Cowles, Cleveland.
Victor Engelhardt, Vienna, Austria.
J. S. Fitzmaurice, Sydney, Australia.
Prof. P. A. Guye, Geneva, Switzerland.
R. S. Hutton, Manchester, England.
A. von Isakovics, Monticello, N. Y.
Louis A. Parsons, Ph. D., Salt Lake City, Utah.
Henry Noel Potter, New York City.
F. J. Tone, Niagara Falls.
Prof. Henry L. Wagner, San Francisco.
W. R. Whitney, Ph. D., Boston.
Frank M. Zeller, Philadelphia.

Proposed Amendment to the Constitution to be voted upon at the Annual Meeting.

ARTICLE VI—SECTION 2.

The President, Vice-Presidents and Managers shall, after the expiration of the full term of office, to which they were elected, be ineligible for immediate re-election to the same office.

Reports of officers and Directors.

Reading and Discussion of Papers.

THEORETICAL AND EXPERIMENTAL.

Standard Cells: Dr. F. A. Wolff.

The Preparation of Materials for Clark and Weston Standard Cells: Dr. H. S. Carhart and Dr. G. A. Hulett—25 minutes.

Single Potentials of the Halogen Elements: W. R. Mott—20 minutes.

The Composition and Resolution of Voltages: Dr. J. W. Richards—15 minutes.

Molecular Conductivity: C. J. Reed—10 minutes.

Remarks on Prof. Richards's Theory of Heat of Neutralization, as presented to the Society, Sept. 17, 1903: Gustaf M. Westman—10 minutes.

The Energy of Ions: Dr. L. A. Parsons.

The Aluminum Electrolytic Condenser: C. I. Zimmerman—20 minutes.

MEMORANDA

Thursday Afternoon, April 7th, 1.00 P. M.

Reception of Members by President Roosevelt at the White House.

Thursday Afternoon, April 7th, at 3 P. M.

Complimentary Excursion to Members on Special "Seeing Washington" cars to various parts of the city.

Thursday Evening, April 7th, at 8 P. M.

THE PRESIDENTIAL ADDRESS will be delivered at the Columbian University, and will be followed by a complimentary SMOKER.

Friday Morning, April 8th, at 9 A. M.

Reading and discussion of the following papers:

INDUSTRIAL.

Electrolytic Iron: C. F. Burgess and Carl Hambuechen.

The Economic Balance in Electrolytic Copper Refining: Lawrence Addicks—8 minutes.

A New Electrolytic Separation of Gold and Silver: Herman Poole—15 minutes.

Observations on the Preparation of Electrolytic White Lead: C. F. Carrier, Jr.—10 minutes.

MEMORANDA

The Relation between the Cost of Salt and the Cost of Power at a Given Locality. and the Resulting Cost of Electrical Bleaching Liquor Produced: Dr. W. H. Walker.

A Relative Decimal Index for Electrochemical Interests: Adolph L. Voege.

Notes on the Industrial Electrolysis of Water: Mr. W. S. Landis—20 minutes.

Friday Afternoon, April 8th, at 2 P. M.

1. Visit to Navy Yard. Arrangements have been made for the members of the Society to see the operation of shrinking a jacket on a modern gun.
2. Visits to the Laboratories of the Bureau of Chemistry, Bureau of Standards, Etc.

Friday Evening, April 8th, at 8.00 P. M.

Subscription Banquet at The Shoreham, corner 15th and H Streets, N. W.

Saturday Morning, April 9th, at 9 A. M.

Reading and Discussion of Papers.

THEORETICAL AND EXPERIMENTAL.

A Contribution to the Study of the Electric Arc: Dr. Wm. S. Weedom—20 minutes.

MEMORANDA

Electric Smelting Experiments for the Manufacture of Ferro-Nickel from Pyrrhotite: Mr. Ernst A. Sjostedt—20 minutes.

Some Experiences in Copper Precipitation: Hermann Poole—20 minutes.

The Relation of the Alternating Current to Osmotic Pressure: W. H. Davis—10 minutes.

Some Phenomena Observed in Connection with the Use of a Copper Voltameter: Isaac Adams and Barry MacNutt—10 minutes.

Saturday Afternoon, April 9th at 2 P. M.

1. Visit to Bureau of Engraving and Printing, where special guides will be furnished.
2. Complimentary Excursion by boat to Mount Vernon.

TRANSPORTATION.

Will be on the certificate plan. All members residing out of Washington City should secure certificates when purchasing tickets, in order to get return at one-third rate.

MEMORANDA

HOTEL HEADQUARTERS

THE HOTEL HEADQUARTERS will be at The Shoreham, opposite the Columbian University, Cor. 15th and H Sts., N. W.

HOTEL RATES

THE SHOREHAM: Rooms, without bath, European plan, $2.00 and $2.50 per day; with bath, $3.00 and $4.00 per day; board on American plan, $2.50 per day additional for each person.

THE ARLINGTON, corner Vermont Avenue and H Street, N. W.: American plan; $5.00 per day, per person.

THE NORMANDIE, McPherson Square: European plan, $1.00 per day without bath, i. e., $1.00 per day up, without bath; European plan, $2.00 per day up with bath; American plan, $3.50 per day and up, without bath; American plan, $4.00 per day and up, with bath.

THE NEW WILLIARD, Pennsylvania Avenue and Fourteenth Street: European plan, single room, without bath, $2.50 per day and up; similar room with bath, $3.50 per day and up; rooms to accommodate two persons, with bath, $5.00 per day and up; two single communicating rooms, with bath, $6.00 per day and up.

THE COLONIAL, corner 15th and H Streets, N. W. European plan, without bath, $1.00 per day and up; European plan, with bath, $1.50 per day and up; on American plan, without bath, $2.50 per day and up; with bath, $3.00 per day and up.

MEMORANDA